

April 1, 2021

ADDENDUM NUMBER ONE
TO
**SPRING MILL STATE PARK
WALKWAY to DONALDSON CAVE
PROJECT NO: ENG1903740475**

TO: ALL BIDDERS

Notice is hereby given that the following modifications shall be considered by the Contractor in his bid for the above referenced project:

ITEM NO. 1: Attached

The minutes from the March 31, 2021 pre bid are attached, and all information from the minutes is included as part of this addenda.

Sheet 14 of the drawing set is revised and attached.

Key points to the scope of work are:

- A. Continuous handrails are required
- B. Decking shall be perpendicular to the pathway
- C. All welded connections shall be field painted.

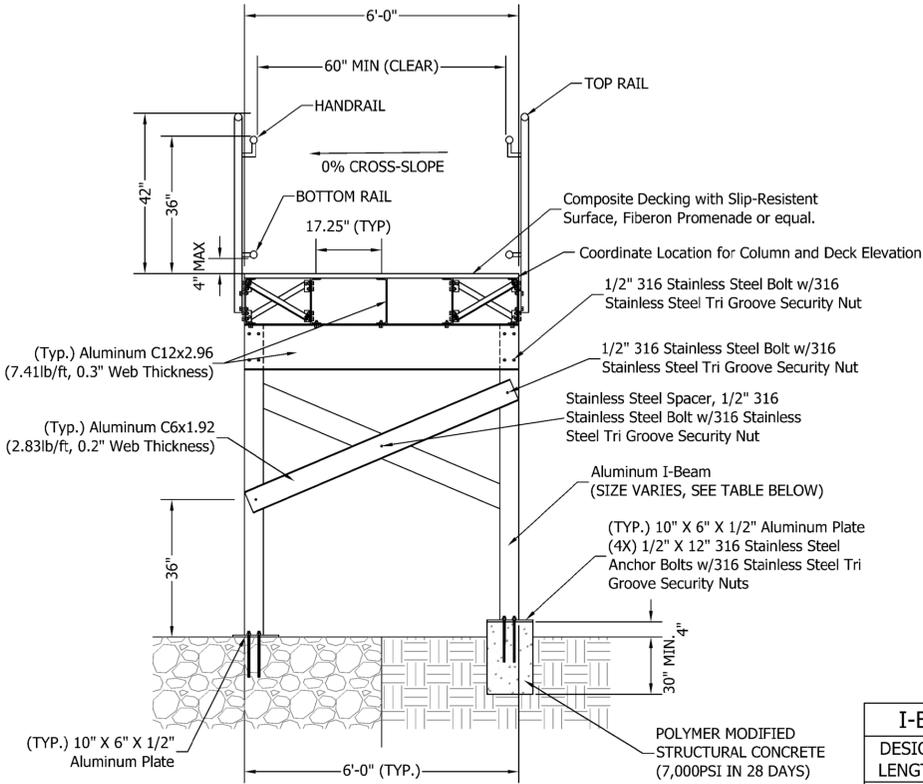
Contractor shall acknowledge receipt of this addendum by marking receipt thereof in the Bid Form.

NOTES:

1. SOLID COMPOSITE DECKING WITH SLIP RESISTANT COATING, FIBERON PROMENADE OR EQUAL
2. 10' MAX LENGTH TO ANY PIECE DELIVERED TO SITE BY UTV.
3. CONTRACTOR TO CORE AND SET ALL FOOTERS AND PREP SURFACE OF ROCK FOR 1/2" ALUMINUM BASE PLATE, PLACE I BEAM VERTICAL SUPPORTS AND CUT TO LENGTH TO MEET PLATFORM GRADE. I BEAMS TO BE WELDED TO 1/2" ALUMINUM BASE PLATE.
4. ALL COMPONENTS PREFABRICATED AND ASSEMBLED AND FASTENED ON SITE.
5. MATERIALS - ALUMINUM WITH STAINLESS STEEL HARDWARE
6. ALL DECKING TO BE INSTALLED PERPENDICULAR TO TRAVEL
7. FIELD PAINT ALL WELDED CONNECTIONS.

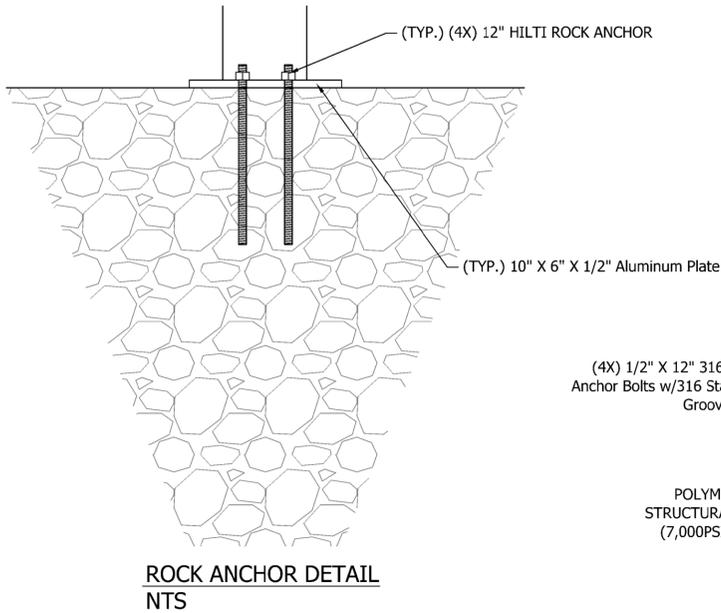
NOTE:

TAPER LANDING INTO UPPER LEVEL OF CAVE (STATION 14+12) TO A MIN CLEAR WIDTH OF 32" OR AS NEEDED TO ENSURE CLEARANCE FROM ROCK SIDE SLOPES

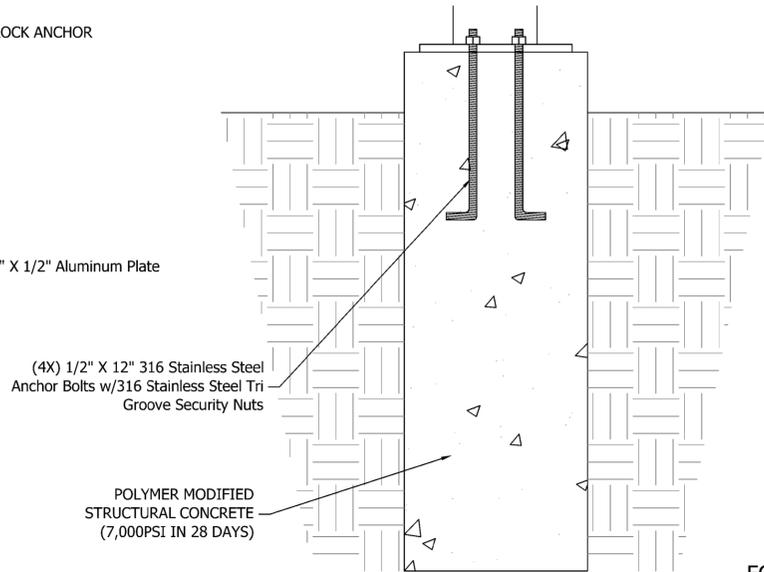


WALKWAY SECTION NTS

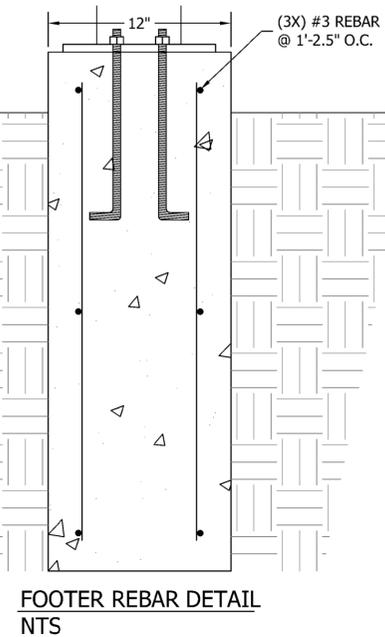
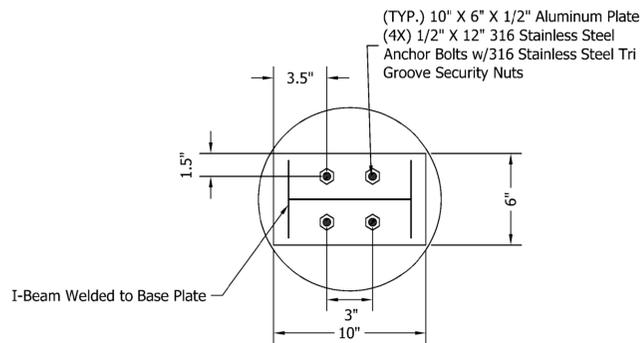
I-BEAM STRUCTURAL TABLE	
DESIGN LENGTH	DESCRIPTION
6' OR LESS	W6X4 (4.03LB/FT)
8'	W7X4.5 (5.8LB/FT)
10'	W8X5 (6.18LB/FT)



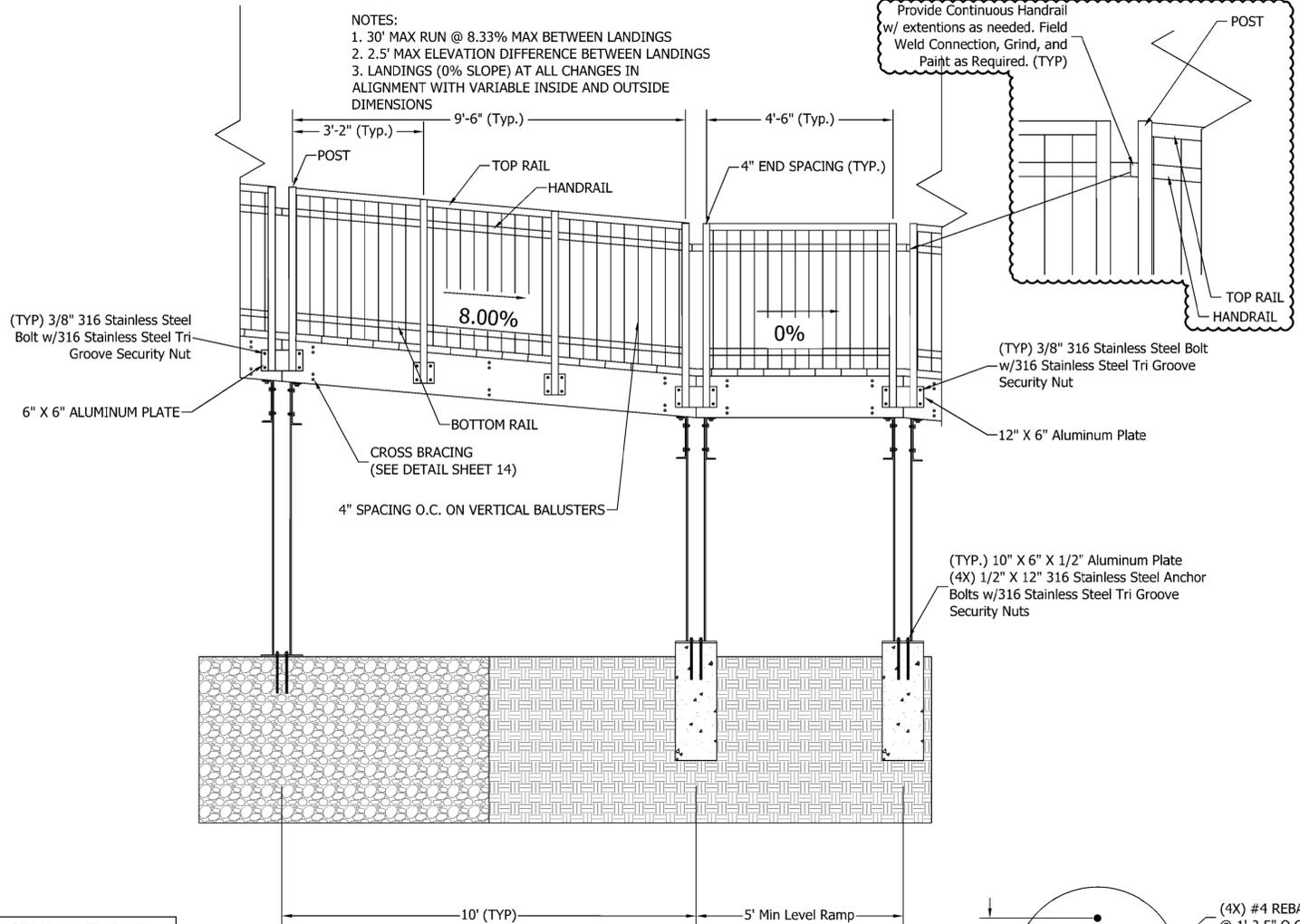
ROCK ANCHOR DETAIL NTS



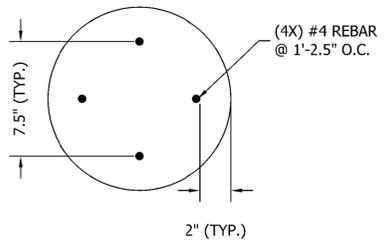
FOOTER ANCHOR DETAIL NTS



FOOTER REBAR DETAIL NTS



WALKWAY PROFILE NTS



GENERAL NOTE:
All construction to meet or exceed all state, local, and federal codes & requirements including but not limited to current INDOT, ISBH, IDEM, OSHA, local requirements & codes. The drawings & specs. that make up the work of this project are interrelated & dependent on every other drawing and spec. section. The contractor shall review all other specs., drawing & addendum (if applicable) to coordinate all work that relates to this project. If an item is drawn or specified on any spec. section or drawing, it shall be as if it were part of this work and shall be provided for in the contract.

NOTES:
1. This sheet is to be: ANSI D 22" X 34"

FPBH, Inc.
Engineers • Surveyors • Planners • Inspectors
Offices in North Vernon, Seymour, & New Castle
72 Henry Street, PO Box 47
North Vernon, IN 47265
P: (812) 346-2045 Toll Free: 1-866-ENG-FPBH
www.fpbonline.com

3-10-2021
REGISTERED PROFESSIONAL ENGINEER
No. 60900038
STATE OF INDIANA
Reverend C. H. Huggins

SCALE: AS SHOWN		
DRAWN BY: ARC		
CHECKED BY: BRB/BAH		
DATE: MARCH 10, 2021		
Revision	Drawn By	Date
1	ARC	2021-04-01

FILE NO: 19-11352
CLIENT NAME: DNR

PROJECT DESCRIPTION: SPRING MILL DONALDSON CAVE WALK-WAY

SHEET TITLE: DETAILS (1 OF 2)

DESIGN PHASE: BIDDING PLANS

SHEET NUMBER:
14

Offices in North Vernon, Seymour, and New Castle

DNR Spring Mill State Park Walkway to Donaldson Cave ENG1903740475

March 31, 2021 at 10:30am

Pre Bid Meeting On-Site

Attendance

List Attached

Office Discussion

- This is a unique project, and will be a signature item for the Park when complete
- Matthew Pore with DNR central office is the contact for administration. Questions can be sent to the engineer and they will be forwarded to Matthew.
- It is unknown how quickly it would be awarded or a Notice to Proceed issued, but if it was two months past the opening of April 15 to a start in June, then work would be finished in about December of this year
- The biggest challenge to the project is the access to bring in materials
- As shown on the plans, small equipment or UTV is the most practical
- Vehicles and equipment will need to turn around at the beginning of the project site
- A trailer can be pulled behind a UTV
- A mini excavator can probably access most locations
- The project has been designed so that most components can be fabricated off site in 10 foot sections and then brought in and assembled
- Setting of the base plates or coring for the legs will be a custom operation for each install. Base plates may need to be angled to the rock surface
- In addition to the staging area shown on the plans, the contractor can use parking North of the bridge, and at the nature center
- No clearing is anticipated to build the walkway unless a tree has fallen across the path before construction starts
- There is no provision for fencing off the area. DNR will add signage when work starts, but there will always be people on the trails, on the stairs and in the vicinity of the work
- The appearance will not be a bare metal or galvanized look. Owner selected colors for the aluminum paint and the composite decking will most likely be brown or green earth colors. All surfaces will be coated other than stainless steel hardware.
- There are sensitive areas such as the Eigenmann fish traps, old mill stones, the Wilson Monument, et al that contractor shall not disturb
- Engineer will provide CAD files so that horizontal and vertical leg locations can be staked



Offices in North Vernon, Seymour, and New Castle

On Site Tour & Discussion

- The bridge about halfway back to the site is rated at 2-1/2 ton limit. The department will allow equipment to cross the creek downstream of the bridge
- The wood erosion fencing will be removed by owner before construction begins
- After all leg locations are staked, engineer can meet to verify whether base plate or coring will be required. No other special testing will be needed other than contractor probing or clearing of debris for footing verification
- There is water almost always exiting out of the cave mouth at the location of the terminus landing of the walkway
- When the water is high during spring rains it can take 2 to 3 days to go back to normal pool
- Contractor will need to keep all areas clear of trash and tools or lighter items every evening in case of a rain event
- There is no cell phone service at the site. 2 way radios are the best communication medium
- Generators for tools are allowed on site



TITLE	_____
JOB	19-11352
BY	_____
DATE	March 31, 2021

Spring Mill State Park
Walkway to Donaldson Cave
Pre Bid
March 31, 2021 10:30 am

Name	Representing	Email
Brad Bender c/o Osborne	FPBH, Inc. Spring Mill	bbender@fpbhd.com Cosborne2@DNR.IN.Gov
Andrew Graves	Graves Construction	Andrew@gravesinc.net
HARRISON RANDALL	HARMON CONSTRUCTION	Harrison.Randall@harmon construction.com
MARK YOUNG	Spring Mill	myoung@dnr.in.gov